

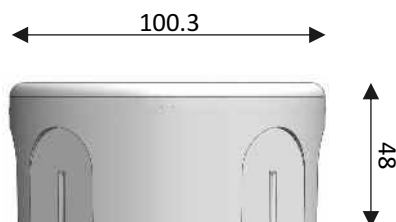
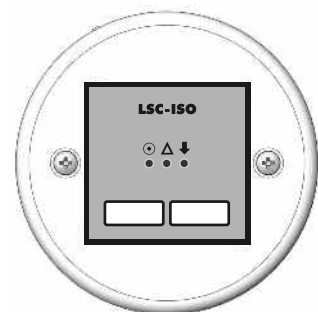
MECHANICAL SPECIFICATION

Enclosure Construction Material

White ABS
Flame Retardant rating 94V0

Weight

module - 19 g
boxed - 110 g
Including packaging - 142 g



All dimensions in mm

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 17V to 30V DC
LOOP CURRENT - QUIESCENT	0.6 mA
LOOP CURRENT - FAULT & ALARM	1.9 OC/SC FLT - 1.7mA O/P ON
EXT. SUPPLY CURRENT @ 24V DC	1.2 mA Quiescent / 1 Amp max. for sounders
MAX. CABLE SIZE	2.5 mm ²
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	-10°C to 50°C
DIMENSIONS	100.3 (D) x 48 (H) mm
WEIGHT	142 g inc. packaging
ORDER CODE	DESCRIPTION
LSC-ISO	Loop Sounder Control Module

LSC-ISO

Loop Sounder Control Module (with 1Amp monitored output)

The LSC-ISO Module is a fully monitored interface which is used to connect a line of conventional sounders to the Global Fire Addressable control panel via the detection loop.

The module requires an external 24V DC power supply and can supply up to 1A at the sounder output which is monitored for both open and short circuit faults. A 10K ohm end of line resistor is connected to the last sounder to provide line monitoring.

The LSC-ISO uses the Global Fire proprietary sounder control protocol and therefore is only compatible with the GFE range of control panels.

The output can be programmed as pulsed or continuous. A maximum of 32 LSC-ISO can be connected to each Loop using address numbers 94-125 inclusive.

The unit is supplied complete with housing. Address setting is via switches 1 to 5 of the 8 - way D.I.L. switch where all OFF represents address 94.

FEATURES

Fast Activation Response

Three Status LEDs

Low Power Consumption

Plastic Enclosure



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Instruction Manual V2 - 02/2015

CE Made in Portugal-EU

The diagram shows the front panel of the LSC-ISO module. At the top, the text "LSC-ISO" is displayed. Below it, there are three LEDs: a Green LED, a Yellow LED, and a Red LED. Above each LED is a symbol: a circle with a dot for the Green LED, a triangle for the Yellow LED, and a downward arrow for the Red LED. Below the LEDs, there are two empty rectangular boxes, likely for labels or identification numbers.

D.I.L. SWITCHES CONFIGURATION

ON

1 2 3 4 5 6 7 8

OFF

Switches 1-5
used to configure the module's address.

Switch 6
Not used

Address Switches binary weights

1 on = 1	4 on = 8
2 on = 2	5 on = 16
3 on = 4	

[illegible]

ADDRESS SETTINGS

94	95	96	97	98	99	100	101
102	103	104	105	106	107	108	109
110	111	112	113	114	115	116	117
118	119	120	121	122	123	124	125

NOTE: LSC-ISO address will be offset by a value of 94 with respect to the value programmed on the D.I.L. switch.